

[Claims]

[Claim 1] A transdermal patch for external use having a backing layer and a pressure-sensitive adhesive layer formed on one surface of the backing layer, comprising polyisobutylene, a mineral oil and fentanyl an active ingredient in the pressure-sensitive adhesive layer, contents of polyisobutylene and fentanyl in the pressure-sensitive adhesive layer respectively ranging from 75.2 to 94.2% by mass and 1 to 6% by mass while the content of the mineral oil being from 0.25 to 0.05 parts by mass based on polyisobutylene.

[Claim 2] The patch according to claim 1, wherein the polyisobutylene is a mixture of a high molecular weight polyisobutylene of average molecular weight in a range from 800,000 to 1,600,000 and a low molecular weight polyisobutylene of average molecular weight in a range from 30,000 to 80,000.

[Claim 3] The patch according to claim 2, wherein a mass ratio between the high molecular weight polyisobutylene and the low molecular weight polyisobutylene is 1:9 to 2:3.

[Claim 4] The patch according to any one of claims 1-3, wherein the mineral oil is liquid paraffin.

[Claim 5] The patch according to any one of claims 1-4, wherein the pressure-sensitive adhesive layer further contains a percutaneous absorption enhancer.

[Claim 6] The patch according to claim 5, wherein the percutaneous absorption enhancer is one or more selected from a group consisting of isopropyl myristate, isopropyl palmitate,

sorbitan monooleate and oleyl alcohol.

[Claim 7] The patch according to any one of claims 1-6, wherein the patch has an area of 5 to 80 cm² at a time of application.